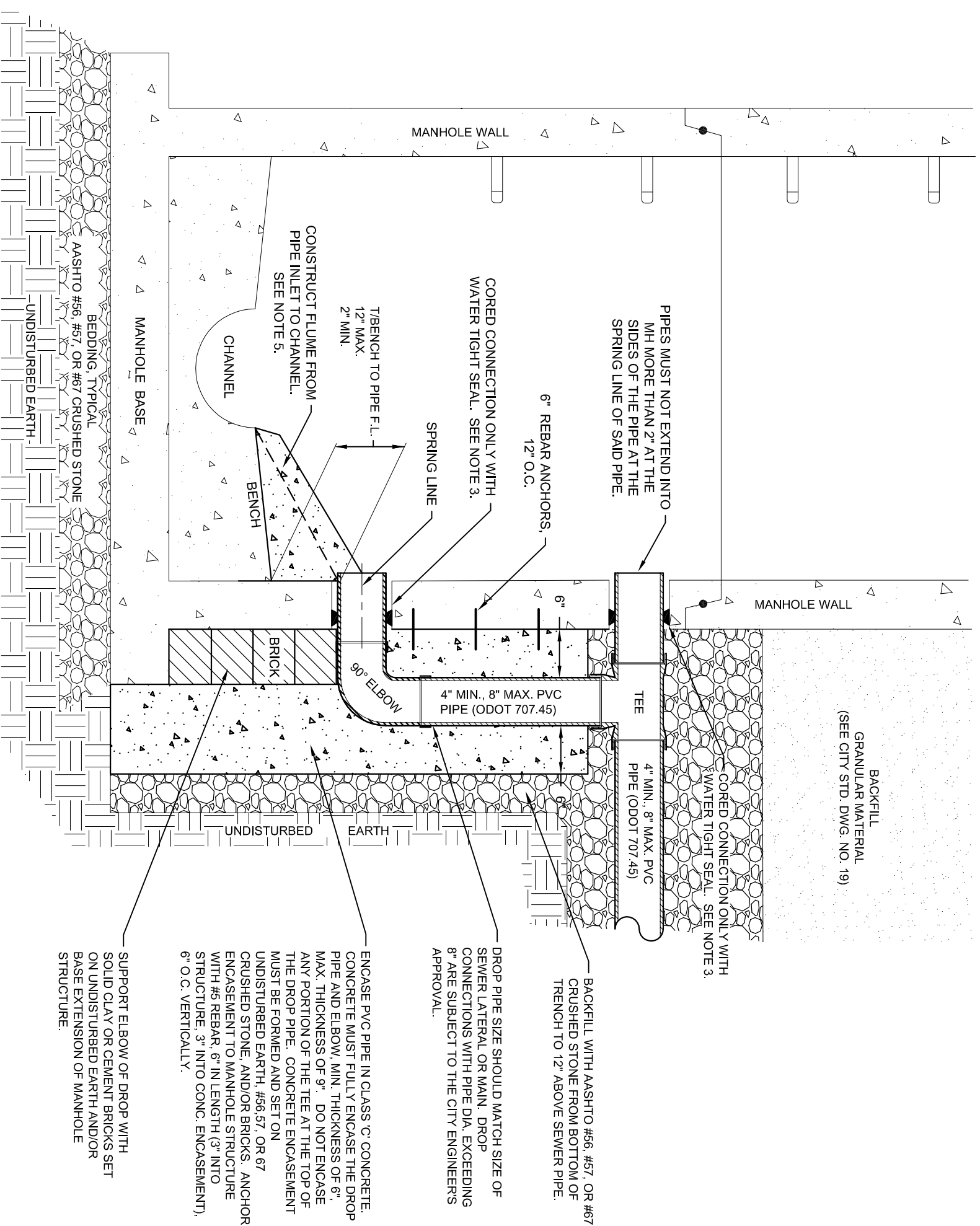


NOTES:

1. DROP CONNECTIONS INSTALLED WITH NEW MANHOLE STRUCTURES MUST BE CAST INTEGRAL WITH PRECAST CONCRETE MANHOLES.
2. DROP CONNECTIONS INSIDE MANHOLE STRUCTURES ARE NOT PERMITTED FOR SANITARY SEWER LATERALS. DROP CONNECTIONS INSIDE MANHOLE STRUCTURES FOR SANITARY SEWER MAINS ARE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
3. CORED OPENINGS MUST BE MACHINE CORED, THE OPENING SHALL BE PER PIPE-TO-MANHOLE CONNECTOR SPECS. USE "KOR-N-SEAL" FLEXIBLE PIPE-TO-MANHOLE CONNECTOR WITH STAINLESS WEDGE ASSEMBLY OR APPROVED EQUAL CONFORMING TO ASTM C-930 OR ASTM C-923.
4. PIPE CONNECTIONS INTO THE MANHOLE MUST NOT EXTEND INTO THE MANHOLE MORE THAN 2" AT THE SIDES OF THE PIPE AT THE SPRING-LINE OF SAID PIPE. PIPE CONNECTIONS ARE NOT PERMITTED WITHIN 3" OF JOINTS BETWEEN MANHOLE RISER SECTIONS.
5. SANITARY PIPE INLETS MUST BE FLUMED OVER THE BENCH, DIRECTING FLOW INTO THE CHANNEL, USING CONCRETE AND/OR CLAY SEWER BRICK AND MORTAR.
6. ODOT REFERENCES ARE FROM THE CURRENT ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. ANY DISCREPANCIES SHALL BE SUBJECT TO THE CITY ENGINEER'S DISCRETION.




SUPPORT ELBOW OF DROP WITH SOLID CLAY OR CEMENT BRICKS SET ON UNDISTURBED EARTH AND/OR BASE EXTENSION OF MANHOLE STRUCTURE.

ENCASE PVC PIPE IN CLASS 'C' CONCRETE. CONCRETE MUST FULLY ENCASE THE DROP PIPE AND ELBOW. MIN. THICKNESS OF 6", MAX. THICKNESS OF 9". DO NOT ENCASE ANY PORTION OF THE TEE AT THE TOP OF THE DROP PIPE. CONCRETE ENCASUREMENT MUST BE FORMED AND SET ON UNDISTURBED EARTH, #56.57, OR 67 CRUSHED STONE, AND/OR BRICKS. ANCHOR ENCASUREMENT TO MANHOLE STRUCTURE WITH #5 REBAR, 6" IN LENGTH (3" INTO STRUCTURE, 3" INTO CONC. ENCASUREMENT), 6" O.C. VERTICALLY.

DROP PIPE SIZE SHOULD MATCH SIZE OF SEWER LATERAL OR MAIN. DROP CONNECTIONS WITH PIPE DIA. EXCEEDING 8" ARE SUBJECT TO THE CITY ENGINEERS APPROVAL.

BACKFILL WITH AASHTO #56, #57, OR #67 CRUSHED STONE FROM BOTTOM OF TRENCH TO 12" ABOVE SEWER PIPE.



OFFICE OF THE CITY ENGINEER
CANTON, OHIO

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APPROVED DATE: JAN 2012	
APPROVED BY: CDB, RMB, SLH	
DRAWING FILE NAME: ce_11.dwg	

REVISIONS		
DESCRIPTION	DATE	BY

STANDARD DRAWING NO. 11

OUTSIDE DROP CONNECTION

FOR SANITARY MANHOLE

SHEET 1 OF 1